

CLAIMS

What is claimed is:

1. A reinforcing cable for a caterpillar track, the caterpillar track having a flexible endless belt made of an elastomer, the reinforcing cable comprising a plurality of strands each formed from steel filaments and arranged so as to be wound in a helix in the thickness of the belt, wherein each strand comprises a core composed of at least three filaments, an intermediate layer composed of a plurality of filaments and surrounding the core, and an outer layer composed of a plurality of filaments and surrounding the intermediate layer.

2. A reinforcing cable according to Claim 1, wherein the core is composed of three twisted filaments, the intermediate layer is composed of nine twisted filaments and the outer layer is composed of fifteen twisted filaments.

3. A reinforcing cable according to Claim 2, wherein the filaments of the core, the filaments of the intermediate layer and the filaments of the outer layer all have the same diameter.

4. A reinforcing cable according to claim 1, which comprises a central strand surrounded by six

peripheral strands.

5. A reinforcing cable according to Claim 4, which comprises a central strand surrounded by six peripheral strands and in that the strands are all identical and each comprise a core composed of three twisted filaments, an intermediate layer composed of nine twisted filaments and an outer layer composed of fifteen twisted filaments.

6. A reinforcing cable according to Claim 1, wherein the filaments have a diameter of between 0.2 and 0.3 mm and preferably close to 0.25 mm.

7. A reinforcing cable according to Claim 1, wherein the cable has a diameter of between 4 and 6 mm and preferably close to 5 mm.

8. A caterpillar track comprising a flexible endless belt made of an elastomer and a reinforcing cable which comprises a plurality of strands each formed from steel filaments and arranged so as to be wound in a helix in the thickness of the belt, wherein each strand comprises a core composed of at least three filaments, an intermediate layer composed of a plurality of filaments (36) and surrounding the core, and an outer layer composed of a plurality of filaments and surrounding the intermediate layer, wherein the reinforcing cable is wound in a helix in the thickness of the belt in order to form a

plurality of turns that are generally parallel to one another.

9. A caterpillar track according to Claim 8, comprising at least two layers of stiffening elements embedded in the thickness of the belt and each lying in a direction transverse or oblique to the turns of the cable.

10. A caterpillar track according to Claim 9, comprising a layer located on the inner side of the belt with respect to the turns of the cable and composed of stiffening elements lying in a direction transverse to the turns of the cable.

11. A caterpillar track according to Claim 9, comprising at least two layers located on the outer side of the belt with respect to the turns of the cable and composed of stiffening elements lying in a direction transverse or oblique to the turns of the cable.

12. A caterpillar track according to Claim 11, comprising two outer layers composed respectively of stiffening elements lying in different oblique directions to the turns of the cable in order to form crossed plies.

13. A caterpillar track according to Claim 12, comprising an additional outer layer composed of stiffening elements lying in a direction transverse to

the turns of the cable.

14. A caterpillar track according to Claim 9, wherein the layers of stiffening elements have different dimensions in the width direction of the belt.